

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF091124AL\
 Data File : FF014494.D
 Signal(s) : FID2B.ch
 Acq On : 10 Sep 2024 21:57
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Sep 11 08:08:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 091124.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 11 08:07:41 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.800	2622239	18.364 ug/ml
Spiked Amount 50.000		Recovery =	36.73%
12) S 1-chlorooctadecane (S...	13.244	1979581	18.610 ug/ml
Spiked Amount 50.000		Recovery =	37.22%
Target Compounds			
1) T n-Nonane (C9)	3.204	2185777	18.426 ug/ml
2) T n-Decane (C10)	4.453	2202700	18.383 ug/ml
3) T A~Naphthalene (C11.7)	6.147	2302008	18.635 ug/ml
4) T n-Dodecane (C12)	6.618	2269601	18.415 ug/ml
5) T A~2-methylnaphthalene...	7.242	2125544	19.028 ug/ml
6) T n-Tetradecane (C14)	8.444	2221095	18.585 ug/ml
7) T n-Hexadecane (C16)	10.049	2279537	18.698 ug/ml
8) T n-Octadecane (C18)	11.492	2366869	18.529 ug/ml
10) T n-Eicosane (C20)	12.800	2328110	18.410 ug/ml
11) T n-Heneicosane (C21)	13.412	2301932	18.415 ug/ml
13) T n-Docosane (C22)	13.997	2279663	18.453 ug/ml
14) T n-Tetracosane (C24)	15.100	2259571	18.474 ug/ml
15) T n-Hexacosane (C26)	16.120	2212306	18.479 ug/ml
16) T n-Octacosane (C28)	17.068	2135044	18.391 ug/ml
17) T n-Tricontane (C30)	17.955	2125123	18.138 ug/ml
18) T n-Dotriacontane (C32)	18.785	2019810	18.182 ug/ml
19) T n-Tetratriacontane (C34)	19.568	1751079	18.227 ug/ml
20) T n-Hexatriacontane (C36)	20.305	1506154	18.550 ug/ml
21) T n-Octatriacontane (C38)	21.028	1328760	18.225 ug/ml
22) T n-Tetracontane (C40)	21.899	1040274	16.530 ug/ml

(f)=RT Delta > 1/2 Window

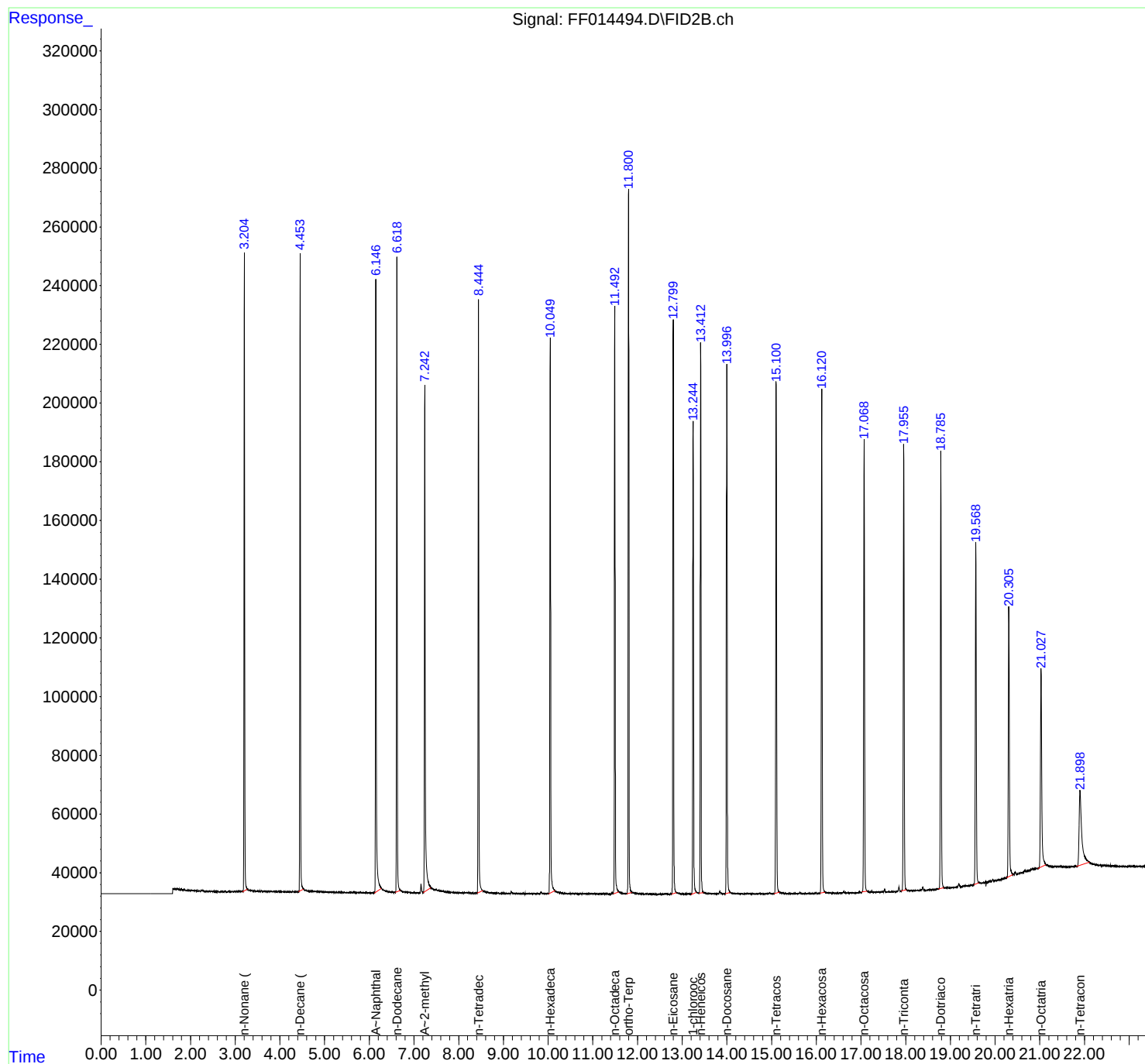
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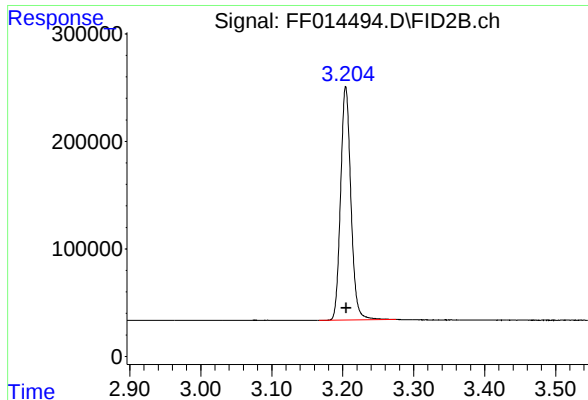
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#1 n-Nonane (C9)

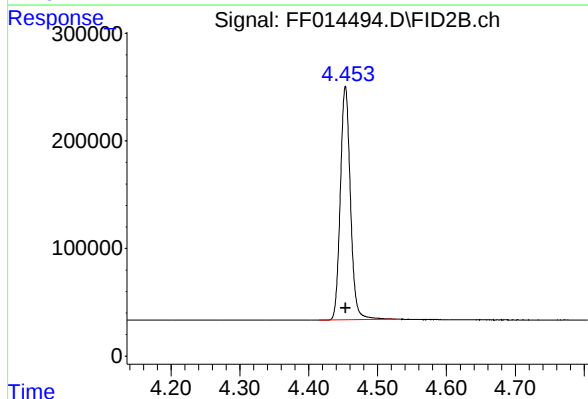
R.T.: 3.204 min
Delta R.T.: 0.000 min
Response: 2185777
Conc: 18.43 ug/ml

Instrument :

FID_F

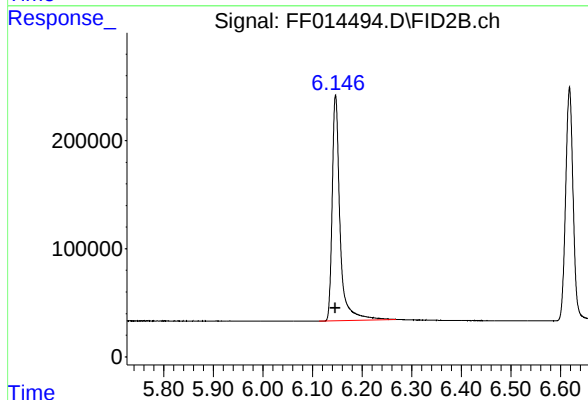
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



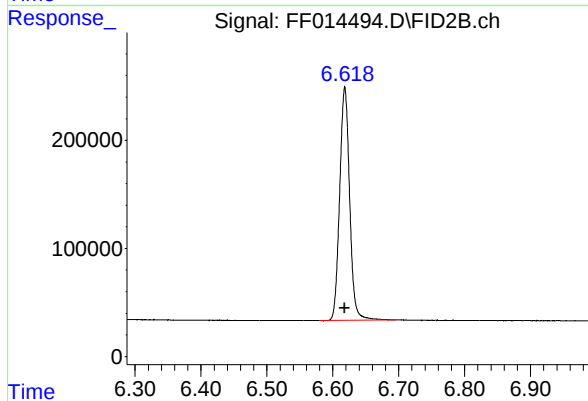
#2 n-Decane (C10)

R.T.: 4.453 min
Delta R.T.: 0.000 min
Response: 2202700
Conc: 18.38 ug/ml



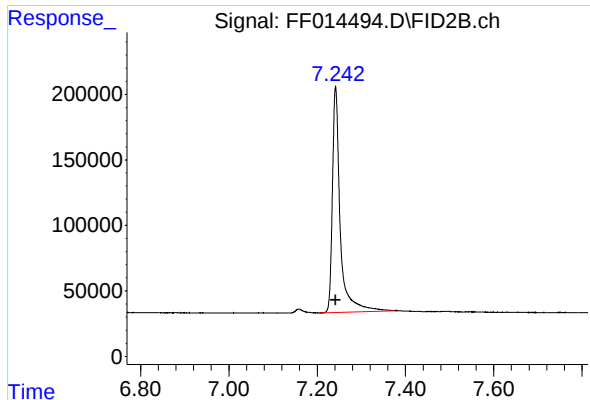
#3 A~Naphthalene (C11.7)

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 2302008
Conc: 18.63 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 2269601
Conc: 18.41 ug/ml



#5 A~2-methylnaphthalene (C12.89)

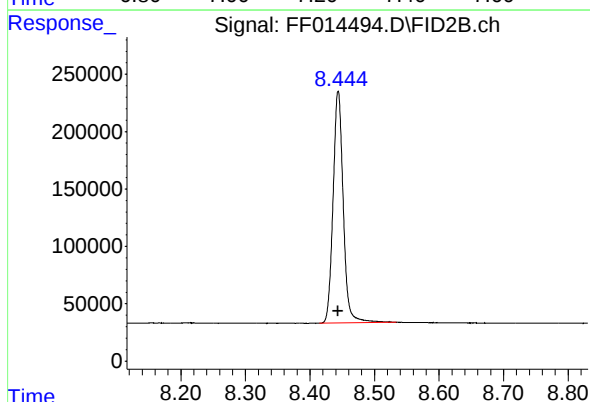
R.T.: 7.242 min
Delta R.T.: 0.000 min
Response: 2125544
Conc: 19.03 ug/ml

Instrument :

FID_F

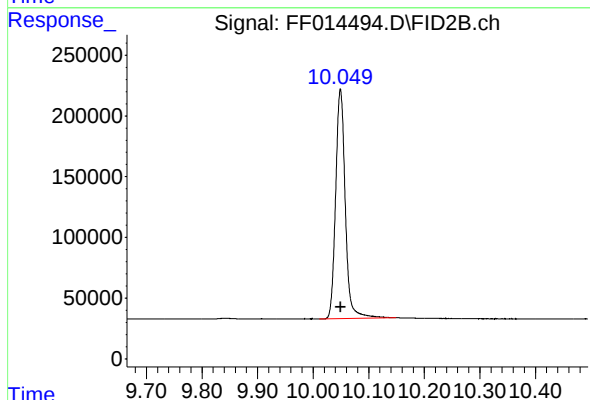
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



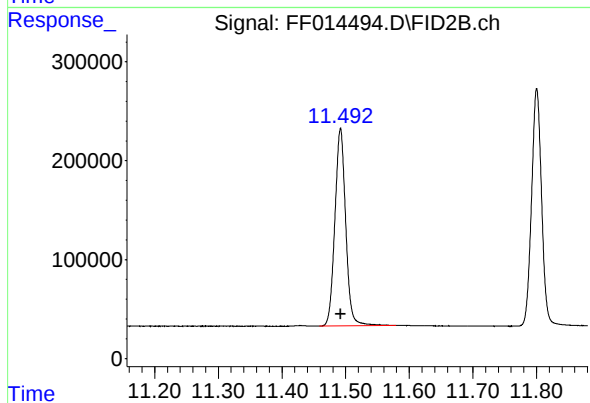
#6 n-Tetradecane (C14)

R.T.: 8.444 min
Delta R.T.: 0.000 min
Response: 2221095
Conc: 18.59 ug/ml



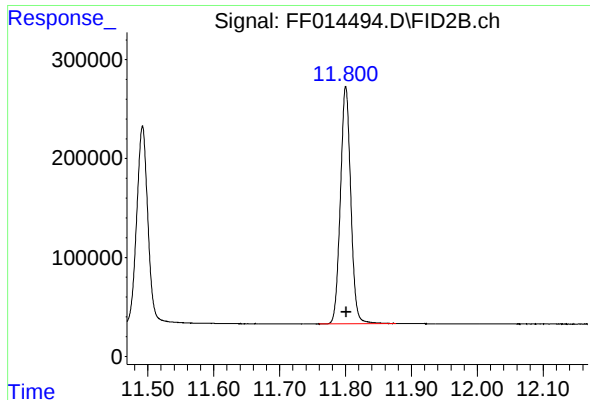
#7 n-Hexadecane (C16)

R.T.: 10.049 min
Delta R.T.: 0.000 min
Response: 2279537
Conc: 18.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.492 min
Delta R.T.: 0.000 min
Response: 2366869
Conc: 18.53 ug/ml



#9 ortho-Terphenyl (SURR)

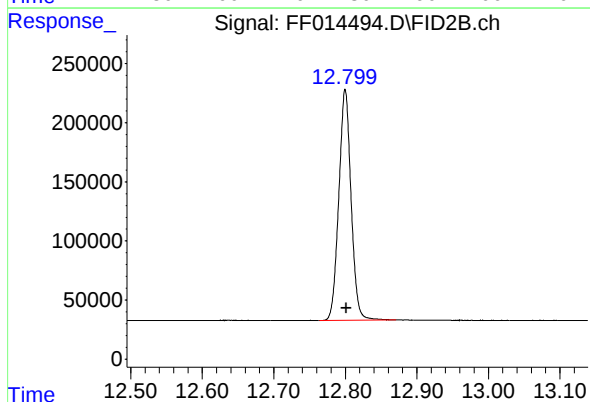
R.T.: 11.800 min
Delta R.T.: 0.000 min
Response: 2622239
Conc: 18.36 ug/ml

Instrument :

FID_F

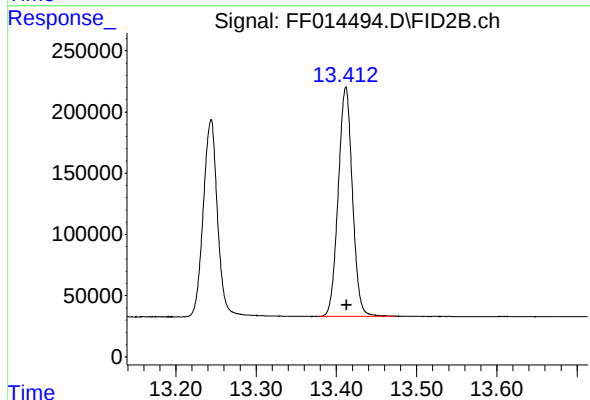
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



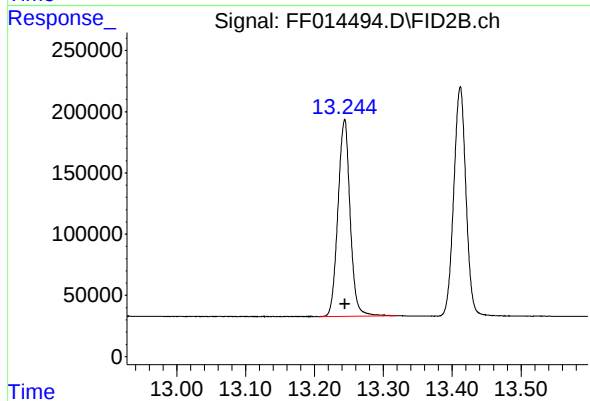
#10 n-Eicosane (C20)

R.T.: 12.800 min
Delta R.T.: -0.002 min
Response: 2328110
Conc: 18.41 ug/ml



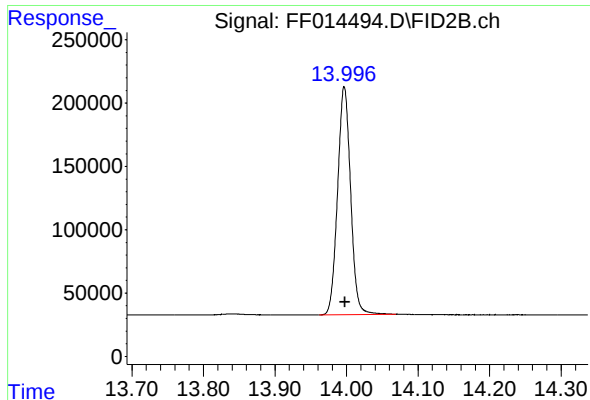
#11 n-Heneicosane (C21)

R.T.: 13.412 min
Delta R.T.: -0.001 min
Response: 2301932
Conc: 18.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.244 min
Delta R.T.: 0.000 min
Response: 1979581
Conc: 18.61 ug/ml



#13 n-Docosane (C22)

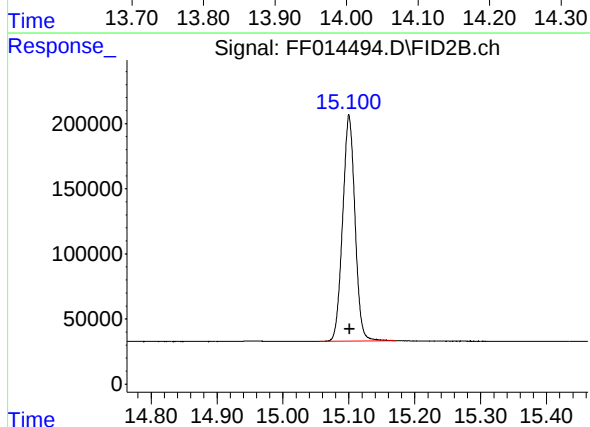
R.T.: 13.997 min
Delta R.T.: -0.001 min
Response: 2279663
Conc: 18.45 ug/ml

Instrument :

FID_F

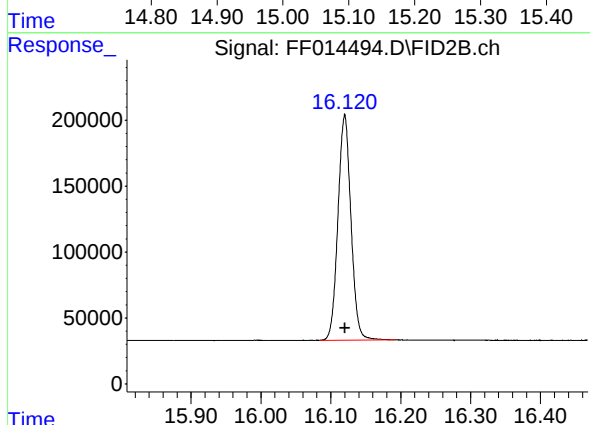
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



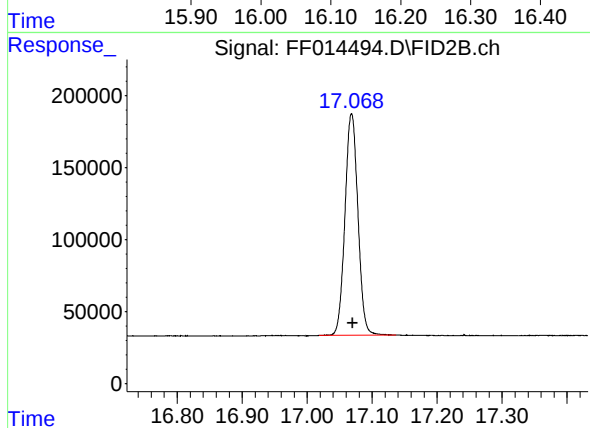
#14 n-Tetracosane (C24)

R.T.: 15.100 min
Delta R.T.: 0.000 min
Response: 2259571
Conc: 18.47 ug/ml



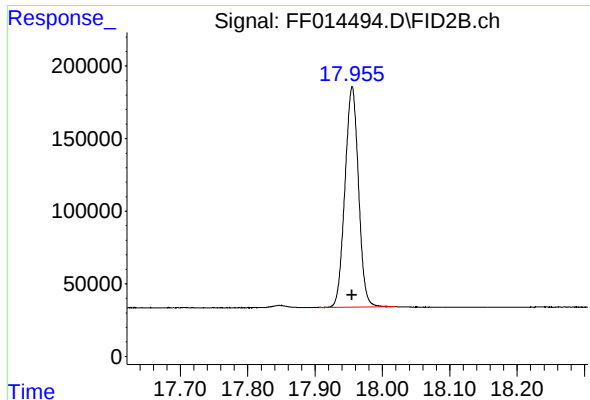
#15 n-Hexacosane (C26)

R.T.: 16.120 min
Delta R.T.: 0.000 min
Response: 2212306
Conc: 18.48 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.068 min
Delta R.T.: -0.002 min
Response: 2135044
Conc: 18.39 ug/ml



#17 n-Tricontane (C30)

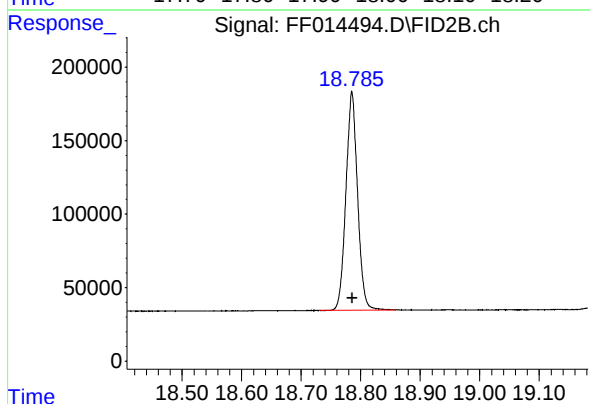
R.T.: 17.955 min
Delta R.T.: 0.000 min
Response: 2125123
Conc: 18.14 ug/ml

Instrument :

FID_F

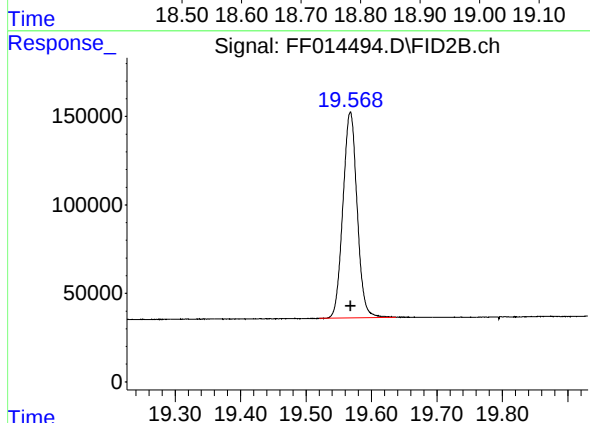
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV



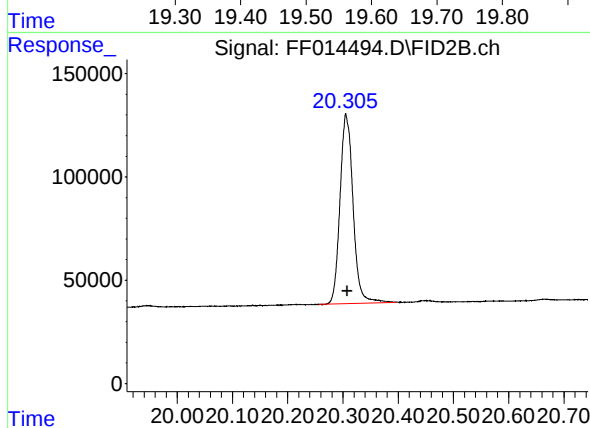
#18 n-Dotriacontane (C32)

R.T.: 18.785 min
Delta R.T.: 0.000 min
Response: 2019810
Conc: 18.18 ug/ml



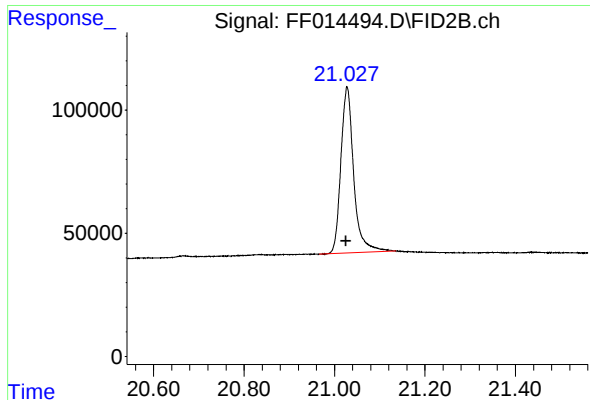
#19 n-Tetratriacontane (C34)

R.T.: 19.568 min
Delta R.T.: 0.000 min
Response: 1751079
Conc: 18.23 ug/ml



#20 n-Hexatriacontane (C36)

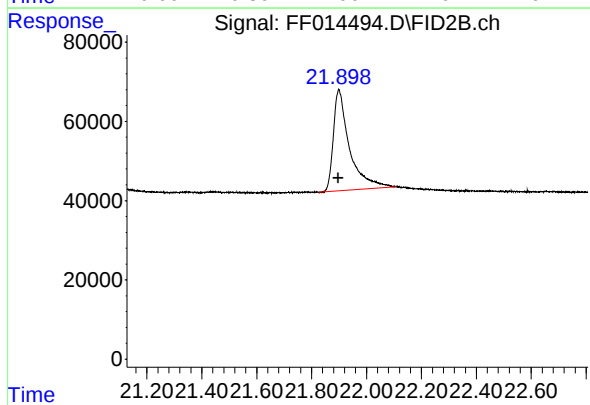
R.T.: 20.305 min
Delta R.T.: -0.002 min
Response: 1506154
Conc: 18.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.028 min
Delta R.T.: 0.002 min
Response: 1328760
Conc: 18.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.899 min
Delta R.T.: 0.002 min
Response: 1040274
Conc: 16.53 ug/ml